

Serial No. 09/191,520

Page 2 of 20

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (currently amended) An apparatus that provides digital broadcast television programs to a subscriber, comprising:

a first receiver module located at a first site of a first subscriber that receives program data;

a head end for receiving a program selection from said first receiver module and generating an authorization code for said program selection;

a network controller located at said head end for receiving said authorization signal and generating a local authorization signal;

a second receiver module located at a second site of a second different subscriber geographically remote from the first site for receiving [[a]] the local authorization code, wherein the authorization code allows the digital broadcast television programs to be decrypted for viewing;

a transmitter that sends [[a]] the program selection to the second site, wherein the program selection is made from the program data received by the first receiver module at the first site and contains the address of the second receiver module; and

a memory coupled to the second receiver module for storing the received authorization code, wherein ~~when the program selection is received at the remote site, the remote site sends the local authorization code, and wherein~~ the local authorization code is stored in the memory until needed for decrypting the selected program at a future time.

2. (previously presented) The apparatus of claim 1, further comprising a processor that processes the received local authorization code to decrypt the digital broadcast television programs.

3. (previously presented) The apparatus of claim 2, wherein the second receiver

570363-1

Serial No. 09/191,520

Page 3 of 20

module, the processor and the memory are contained in a set top terminal capable of being operably connected to a television, and wherein the second receiver module receives the digital broadcast television programs.

4. (original) The apparatus of claim 3, wherein the television is an analog television, and wherein the set top terminal converts digital programs to analog programs for display on the analog television.
5. (original) The apparatus of claim 2, wherein the first receiver, the transmitter, and the processor are contained on a smart card incorporated into a digital television.
6. (original) The apparatus of claim 5, wherein the second receiver is incorporated into the digital television, wherein the second receiver receives the digital broadcast television programs, and wherein the digital television displays the selected broadcast television program.
7. (original) The apparatus of claim 2, wherein the receiver module, the processor, the transmitter, and the memory are contained on a smart card incorporated into a digital television, and wherein the digital television comprises a third receiver that receives the digital broadcast television programs.
8. (original) The apparatus of claim 7, wherein the digital television further comprises a demultiplexer that demultiplexes the received digital broadcast television programs.
9. (original) The apparatus of claim 2, wherein the first receiver, the processor and the transmitter are incorporated in a personal computer, and wherein the program data are displayed on a display of the personal computer.
10. (original) The apparatus of claim 9, wherein the second receiver and the

570363-1

Serial No. 09/191,520

Page 4 of 20

memory are incorporated into a digital television, wherein the second receiver receives the digital television programs and the local authorization code, the digital television comprising a processor that processes the received local authorization code to decrypt the digital broadcast television programs.

11. (original) The apparatus of claim 9, wherein the personal computer comprises a connector that couples the personal computer to a digital television, the second receiver and the memory are incorporated into the digital television, the second receiver receives the digital broadcast television programs, and wherein the first receiver receives the local authorization code and the personal computer sends the local authorization code to the digital television, the digital television comprising a processor that processes the received local authorization code to decrypt the digital broadcast television programs.

12-15. (cancelled)

16. (original) The apparatus of claim 1, further comprising a demultiplexer, wherein the digital broadcast television programs are multiplexed with the local authorization code, and wherein the demultiplexer demultiplexes the local authorization code and the digital broadcast television programs.

17. (original) The apparatus of claim 1, wherein the program data is program guide data, further comprising a remote control, wherein the remote control sends commands to scroll the program guide data and to select a desired program for viewing.

18-36. (cancelled)

37. (previously presented) The apparatus of claim 1, wherein the second site comprises a web page of an Internet, wherein the web page includes the program data and generates an authorization request.

570363-1

Serial No. 09/191,520

Page 5 of 20

38-39. (cancelled)

40. (original) The apparatus of claim 1, wherein the local authorization code, comprises:

an identification code; and

an address; and

one or more program identifiers, wherein the identification code uniquely identifies the apparatus receiving program access authorization, the address identifies the geographical location of the apparatus and routing instructions, and the one or more program identifiers specify the digital broadcast television programs that are authorized for viewing.

41-59. (cancelled)

60. (original) The apparatus of claim 1, wherein the program selection includes a time out feature, the time out feature sending a cancel program order that deauthorizes display of the program selection and prevents a charge for the selected program.

61-66. (cancelled)

67. (currently amended) An apparatus that provides digital broadcast television program ordering, comprising:

an order and authorization system located at a head end that receives a program order from a first terminal located at a first site of a first subscriber in a television distribution network and generates an authorization order that authorizes access to a program;

a billing system coupled to the order and authorization system, the billing system receiving the program order and generating a billing record; and

a broadcaster coupled to the order and authorization system that sends the program to a second terminal located at a second site of a second different subscriber

570363-1

Serial No. 09/191,520

Page 6 of 20

geographically remote from the first site in the television distribution network, wherein the program is multiplexed with other digital broadcast television programs, wherein the broadcaster receives the authorization signal, the authorization signal providing a local authorization code addressed to the second terminal, the local authorization code allowing the second terminal to demultiplex, decrypt and display the program.

68. (previously presented) The apparatus of claim 67, wherein the local authorization signal is multiplexed with the digital broadcast television programs, and wherein the second terminal demultiplexes the local authorization code to access the program.

69. (previously presented) The apparatus of claim 67, wherein the local authorization code is transmitted by the order and authorization system to the second terminal.

70. (previously presented) The apparatus of claim 67, wherein the program is listed in a program guide downloaded to the first terminal by the broadcaster.

71-84. (cancelled)

85. (previously presented) The apparatus of claim 67, wherein the billing record is used to debit a cash card included in the first terminal, the billing system sending a debit signal corresponding to the billing record to the first terminal.

86. (original) The apparatus of claim 67, wherein the order and authorization system includes a time out feature that allows cancellation of the program order without incurring a charge, the time out feature effective for a time prior to a start of the program and for a time after the start of the program.

87-96. (cancelled)

570363-1

Serial No. 09/191,520
Page 7 of 20

97. (original) The apparatus of claim 67, wherein the local authorization code includes a terminal address, a routing indicator, and a terminal identifier.

98. (cancelled)

99. (currently amended) A method for providing broadcast television digital programming, comprising:

generating program data related to the digital programming;

providing the program data to a first terminal located at a first site of a first subscriber;

displaying the program data as a program menu;

receiving at a head end a program order from the first terminal, the program order designating a second terminal and one or more programs for viewing;

generating a program authorization at the head end;

subsequent to receiving the program order, sending [[a]] the program authorization to the second terminal located at a second site of a second different subscriber geographically remote from the first site, wherein the program authorization provides a local authorization code that allows the broadcast television digital programming to be decrypted for viewing; and

subsequent to sending the program authorization, broadcasting the digital programming, wherein the program authorization provides access to the one or more programs designated by the program order, and wherein the one or more programs are multiplexed with other digital programs in the broadcast television digital programming.

100-101. (cancelled)

102. (previously presented) The method of claim 99, wherein the program data is provided on an Internet web site.

Serial No. 09/191,520

Page 8 of 20

103. (cancelled)

104. (original) The method of claim 99, wherein the program order is received at a remote location.

105-110. (cancelled)

111. (original) The method of claim 99, further comprising sending the program authorization from a remote location to a digital programming broadcaster.

112. (cancelled)

113. (previously presented) The method of claim 99, wherein the sending step comprises multiplexing the program authorization with the digital programming.

114. (cancelled)

115. (original) The method of claim 99, further comprising:

waiting for a time out period to determine if a cancel order signal has been received, and if the cancel order signal is not received in the time out period:
sending the program order to a billing system, and
preparing a billing record.

116. (original) The method of claim 99, further comprising:

waiting for a time out period to determine if a cancel order signal has been received, and if the cancel order signal is received in the time out period:
generating a deauthorization signal; and
transmitting the deauthorization signal, wherein the deauthorization signal removes access to a previously authorized program.

570363-1

Serial No. 09/191,520

Page 9 of 20

117-126. (cancelled)

127. (currently amended) A method for providing digital broadcast programming to a terminal in a television network, comprising:

receiving at a head end a program order from a first terminal at a first location of a first subscriber;

generating an authorization signal at the head end;

subsequent to receiving the program order, sending the generated authorization signal to a second terminal at a second location of a second different subscriber remote from the first location;

subsequent to sending the generated authorization signal, broadcasting the program, wherein the program is multiplexed with other digital programs and wherein the authorization signal received by the second terminal provides a code that the second terminal uses to decrypt the program.

128. (previously presented) The method of claim 127, wherein the authorization signal is multiplexed with the other digital programs, the second terminal demultiplexing the authorization signal and the digital programs.

129. (original) The method of claim 127, wherein a remote site transmits the authorization signal and a broadcaster broadcasts the multiplexed digital programs.

130-136. (cancelled)

137. (original) The method of claim 127, further comprising:

generating a program guide; and

transmitting the program guide, wherein program selections are made based on the program guide.

138. (previously presented) The method of claim 137, wherein the program guide is

570363-1

Serial No. 09/191,520

Page 10 of 20

downloaded to the first terminal.

139. (original) The method of claim 137, wherein the program guide is provided at an Internet web site.

140-168. (cancelled)

169. (currently amended) A system that provides digital broadcast television program ordering, comprising:

a processor located at a head end that receives a program order from a first terminal at a first location of a first subscriber in a television distribution network and generates an authorization order for a second terminal at a second location of a second different subscriber remote from the first location in a television distribution network that authorizes access to a program;

a billing system coupled to the processor, the billing system receiving the program order and generating a billing record; and

a broadcaster coupled to the processor that receives the authorization signal and sends the program to the second terminal remote from the first location, wherein the program is multiplexed with other digital broadcast television programs, and wherein the authorization signal provides a local authorization code addressed to the second terminal, the local authorization code allowing the second terminal to demultiplex, decrypt and display the program.

170. (previously presented) The system of claim 169, wherein the local authorization code is multiplexed with the digital broadcast television programs, and wherein the second terminal demultiplexes the local authorization code to access the program.

171. (previously presented) The system of claim 169, wherein the local authorization code is transmitted by the processor to the second terminal.

570363-1

Serial No. 09/191,520

Page 11 of 20

172. (original) The system of claim 169, wherein the program is listed in a program guide.

173. (original) The system of claim 172, wherein the program guide is an electronic program guide.

174. (original) The system of claim 173, wherein the electronic program guide is provided on a web page on an Internet, and wherein the terminal accesses the web page to receive the electronic program guide.

175-198. (cancelled)

570363-1